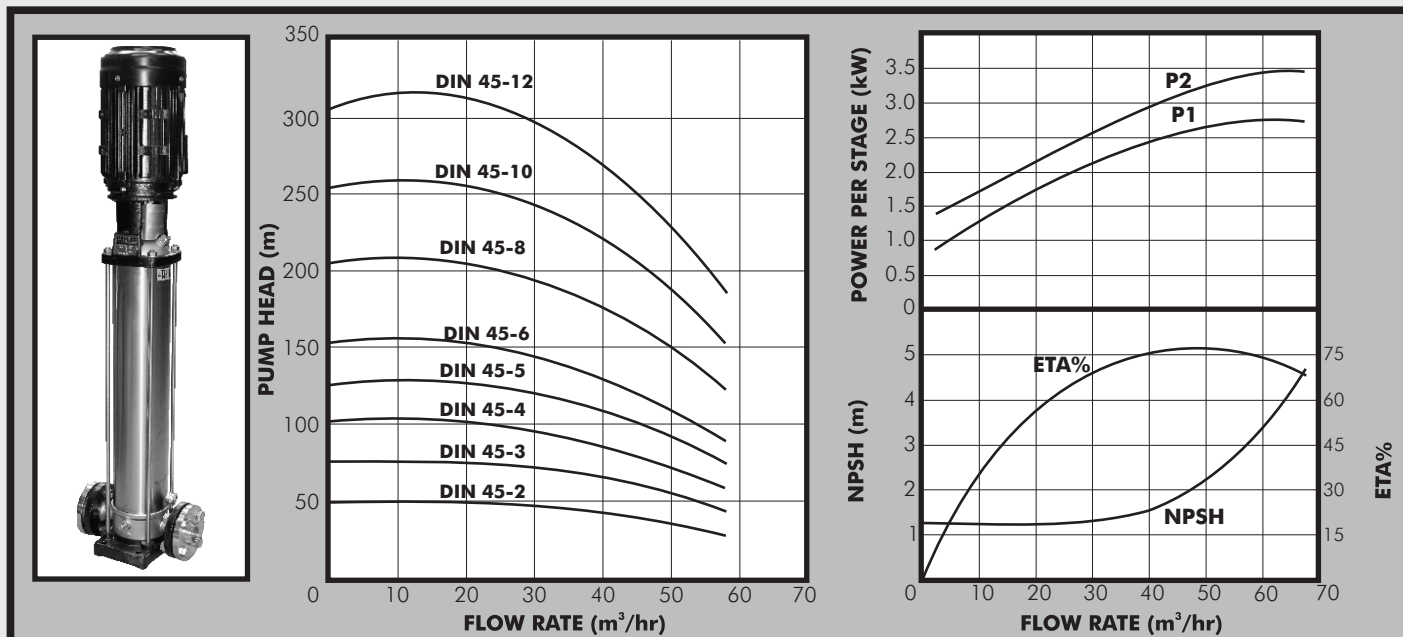




DIN45

Vertical Multistage Centrifugal Pumps



PUMP

The DAYLIFF DIN pump range are of non self priming vertical multistage in-line centrifugal design suitable for a wide range of water supply, irrigation, liquid transfer and boosting applications. The pumps are of heavy duty construction and designed for continuous duty in commercial and industrial installations. All DIN pumps feature AISI 316 stainless steel vital components in contact with water including the impellers, intermediate chambers, shaft and top and bottom housings and are suitable for pumping highly mineralised corrosive water. All pumps are water lubricated and are provided with a standard cartridge type mechanical seal. They are supplied complete with BSP internally threaded counter flanges.

MOTOR

The pumps are coupled to high efficiency IE3 totally enclosed fan cooled 2-pole motor complying with IEC standards and must be connected to an effective motor starter in accordance with local regulations.

Enclosure Class: IP55

Insulation Class: F

Voltage: 3x415V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquids: Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

Liquid Temperature Range: -15°C to +120°C

Maximum Ambient Temperature: +50°C

Maximum Suction Lift: According to the NPSH curve plus a safety margin of 1m

Maximum Operating Pressure: Up to 7.5kW - 16bar, others - 25bar

Maximum Inlet Pressure: DIN 45-2-4Bar, DIN 45-2 to 5-10Bar, DIN 45-6 to 12 -15Bar

PUMP DATA

Model	Motor		Full Load Current (A)	I Start	Dimensions (mm)					Weight (kg)
	kW	HP			H1	H2	D1	D2	D3	
DIN45-2	7.5	10	14.7	8.7	639	1044	235	197	300	115
DIN45-3	11	15	18.9	6.6	829	1274	269	215	350	156
DIN45-4	15	20	25.5	6.4	909	1400	269	215	350	170
DIN45-5	18.5	25	31.3	6.4	1069	1609	318	241	350	223
DIN45-6	22	30	37.1	6.4	1149	1809	390	295	400	331
DIN45-8	30	40	50.3	6.4	1229	1889	390	295	400	335
DIN45-10	37	50	61.7	6.6	1389	2049	390	295	400	360
DIN45-12	45	60	74.8	6.2	1549	2239	446	325	450	444

